

2005 AGU Journal Publications Citing Use of SPDF and NSSDC Data Services

- B54927-00A: Anagnostopoulos, G. C., Efthymiadis, D., Sarris, E. T., Krimigis, S. M., Evidence and features of magnetospheric particle leakage on days 30–36, 1995: Wind, Geotail, and IMP 8 observations compared, *J. Geophys. Res.*, 110, A10203, doi:10.1029/2004JA010827, 2005. Service: CDAWeb
- B55013-00A: Arnoldy, R. L., Engebretson, M. J., Denton, R. E., Posch, J. L., Lessard, M. R., Pc 1 waves and associated unstable distributions of magnetospheric protons observed during a solar wind pressure pulse, *J. Geophys. Res.*, 110, A07229, doi:10.1029/2005JA011041, 2005. Services: CDAWeb
- B54990-00A: Ashour-Abdalla, M., Bosqued, J. M., El-Alaoui, M., Peroomian, V., Zelenyi, L. M., A stochastic sea: The source of plasma sheet boundary layer ion structures observed by Cluster, *J. Geophys. Res.*, 110, A12221, doi:10.1029/2005JA011183, 2005. Services: CDAWeb
- B54783-00A: Asnes, A., Friedel, R. W., Stadsnes, J., Thomsen, M., Ostgaard, N., Statistical pitch angle properties of substorm-injected electron clouds and their relation to dawnside energetic electron precipitation, *J. Geophys. Res.*, 110, A05207, doi:10.1029/2004JA010838, 2005. Services: OMNIweb
- B54996-00A: Berdichevsky, D. B., Richardson, I. G., Lepping, R. P., Martin, S. F., On the origin and configuration of the 20 March 2003 interplanetary shock and magnetic cloud at 1 AU, *J. Geophys. Res.*, 110, A09105, doi:10.1029/2004JA010662, 2005. Services: CDAWeb
- B54729-00A: Berube, D., Moldwin, M. B., Fung, S. F., Green, J. L., A plasmaspheric mass density model and constraints on its heavy ion concentration, *J. Geophys. Res.*, 110, A04212, doi:10.1029/2004JA010684, 2005. Services: General
- B55016-00A: Blockx, C., Gerard, J.-C., Meurant, M., Hubert, B., Coumans, V., Far ultraviolet remote sensing of the isotropy boundary and magnetotail stretching, *J. Geophys. Res.*, 110, A11215, doi:10.1029/2005JA011103, 2005. Services: CDAWeb
- B54817-00A: Bogdanova, Y. V., Marchaudon, A., Owen, C. J., Dunlop, M. W., Frey, H. U., On the formation of the high-altitude stagnant cusp: Cluster observations, *Geophys. Res. Lett.*, 32, L12101, doi:10.1029/2005GL022813, 2005. Services: CDAWeb
- B54443-00A: Borraccini, F., Lanci, L., Wezel, F. C., Baioni, D., Crustal extension in the Ceraunius Fossae, Northern Tharsis Region, Mars, *J. Geophys. Res.*, 110, E06006, doi:10.1029/2004JE002373, 2005. Services: General
- B54642-00A: Bosqued, J. M., Escoubet, C. P., Frey, H. U., Dunlop, M., Berchem, J., Multipoint observations of transient reconnection signatures in the cusp precipitation: A Cluster-IMAGE detailed case study, *J. Geophys. Res.*, 110, A03219, doi:10.1029/2004JA010621, 2005. Services: CDAWeb
- B54787-00A: Boudouridis, A., Zesta, E., Lyons, L. R., Anderson, P. C., Lummerzheim, D., Enhanced solar wind geoeffectiveness after a sudden increase in dynamic pressure during southward IMF orientation, *J. Geophys. Res.*, 110, A05214, doi:10.1029/2004JA010704, 2005. Services: CDAWeb
- B54547-00A: Cattell, C., Dombeck, J., Wygant, J., Drake, J. F., Swisdak, M., Cluster observations of electron holes in association with magnetotail reconnection and comparison to simulations, *J. Geophys. Res.*, 110, A01211, doi:10.1029/2004JA010519, 2005. Services: CDAWeb
- B54948-00A: Cerisier, J.-C., Marchaudon, A., Bosqued, J.-M., McWilliams, K., Frey, H. U., Ionospheric signatures of plasma injections in the cusp triggered by solar wind pressure pulses, *J. Geophys. Res.*, 110, A08204, doi:10.1029/2004JA010962, 2005. Services: CDAWeb
- B54994-00A: Chau, J. L., Woodman, R. F., D and E region incoherent scatter radar density measurements over Jicamarca, *J. Geophys. Res.*, 110, A12314, doi:10.1029/2005JA011438, 2005. Services: Models
- B54638-00A: Chen, M. W., Schulz, M., Anderson, P. C., Lu, G., Germany, G., Storm time distributions of diffuse auroral electron energy and X-ray flux: Comparison of drift-loss simulations with observations, *J. Geophys. Res.*, 110, A03210, doi:10.1029/2004JA010725, 2005. Services: CDAWeb
- B54946-00A: Chen, Y., Friedel, R. H. W., Reeves, G. D., Onsager, T. G., Thomsen, M. F., Multisatellite determination of the relativistic electron phase space density at geosynchronous orbit: Methodology and results during geomagnetically quiet times, *J. Geophys. Res.*, 110, A10210, doi:10.1029/2004JA010895, 2005. Services: CDAWeb
- B55007-00A: Cheng, C.-C., Russell, C. T., Reeves, G. D., Connors, M., Moldwin, M. B., On the relationships between double-onset substorm, pseudobreakup, and IMF variation: The 4 September 1999 event, *J. Geophys. Res.*, 110, A07201, doi:10.1029/2004JA010778, 2005. Services: CDAWeb
- B54517-00A: Consolini, G., De Michelis, P., Local intermittency measure analysis of AE index: The directly driven and unloading component, *Geophys. Res. Lett.*, 32, L05101, doi:10.1029/2004GL022063, 2005. Services: OMNIweb

- B54673-00A: Cumnock, J. A., High-latitude aurora during steady northward interplanetary magnetic field and changing IMF By, *J. Geophys. Res.*, 110, A02304, doi:10.1029/2004JA010867, 2005. Services: CDAWeb
- B54795-00A: Diego, P., Storini, M., Parisi, M., Cordaro, E. G., AE index variability during corotating fast solar wind streams, *J. Geophys. Res.*, 110, A06105, doi:10.1029/2004JA010715, 2005. Services: OMNIweb
- B54931-00A: Dmitriev, A. V., Chao, J.-K., Suvorova, A. V., Ackerson, K., Ishisaka, K., Indirect estimation of the solar wind conditions in 29-31 October 2003, *J. Geophys. Res.*, 110, A09S02, doi:10.1029/2004JA010806, 2005. Services:
- B54950-00A: Dmitriev, A., Chao, J.-K., Thomsen, M., Suvorova, A., Geosynchronous magnetopause crossings on 29-31 October 2003, *J. Geophys. Res.*, 110, A08209, doi:10.1029/2004JA010582, 2005. Services: CDAWeb
- B55003-00A: Ebihara, Y., Fok, M.-C., Sazykin, S., Thomsen, M. F., Hairston, M. R., Ring current and the magnetosphere-ionosphere coupling during the superstorm of 20 November 2003, *J. Geophys. Res.*, 110, A09S22, doi:10.1029/2004JA010924, 2005. Services: CDAWeb
- B54666-00A: Ebihara, Y., Fok, M.-C., Wolf, R. A., Thomsen, M. F., Moore, T. E., Nonlinear impact of plasma sheet density on the storm-time ring current, *J. Geophys. Res.*, 110, A02208, doi:10.1029/2004JA010435, 2005. Services: CDAWeb
- B54656-00A: Echer, E., Gonzalez, W. D., Tsurutani, B. T., Vieira, L. E. A., Alves, M. V., On the preferential occurrence of interplanetary shocks in July and November: Causes (solar wind annual dependence) and consequences (intense magnetic storms), *J. Geophys. Res.*, 110, A02101, doi:10.1029/2004JA010527, 2005. Services: OMNIweb
- B54796-00A: Engebretson, E. J., Onsager, T. G., Rowland, D. E., Denton, R. E., Posch, J. L., On the source of Pc1-2 waves in the plasma mantle, *J. Geophys. Res.*, 110, A06201, doi:10.1029/2004JA010515, 2005. Services: CDAWeb, SSCWeb
- B54938-00A: Eriksson, S., Baker, J. B. H., Petrinec, S. M., Wang, H., Rich, F. J., On the generation of enhanced sunward convection and transpolar aurora in the high-latitude ionosphere by magnetic merging, *J. Geophys. Res.*, 110, A11218, doi:10.1029/2005JA011149, 2005. Services: CDAWeb
- B55006-00A: Espley, J. R., Cloutier, P. A., Crider, D. H., Brain, D. A., Acuna, M. H., Low-frequency plasma oscillations at Mars during the October 2003 solar storm, *J. Geophys. Res.*, 110, A09S33, doi:10.1029/2004JA010935, 2005. Services: CDAWeb
- B54804-00A: Fuselier, S. A., Trattner, K. J., Petrinec, S. M., Owen, C. J., Reme, H., Computing the reconnection rate at the Earth's magnetopause using two spacecraft observations, *J. Geophys. Res.*, 110, A06212, doi:10.1029/2004JA010805, 2005. Services: CDAWeb
- B54635-00A: Green, J. L., Boardsen, S., Garcia, L., Taylor, W. W. L., Fung, S. F., On the origin of whistler mode radiation in the plasmasphere, *J. Geophys. Res.*, 110, A03201, doi:10.1029/2004JA010495, 2005. Services: NSSDCFTP
- B54730-00A: Hori, T., Lui, A. T. Y., Ohtani, S., Brandt, P. C., Mauk, B. H., Storm-time convection electric field in the near-Earth plasma sheet, *J. Geophys. Res.*, 110, A04213, doi:10.1029/2004JA010449, 2005. Services: CDAWeb
- B54726-00A: Howard, T. A., Menk, F. W., Ground observations of high-latitude Pc3-4 ULF waves, *J. Geophys. Res.*, 110, A04205, doi:10.1029/2004JA010417, 2005. Services: CDAWeb
- B54823-00A: Hu, Q., Dasgupta, B., Calculation of magnetic helicity of cylindrical flux rope, *Geophys. Res. Lett.*, 32, L12109, doi:10.1029/2005GL023004, 2005. Services: CDAWeb
- B55002-00A: Hu, Q., Smith, C. W., Ness, N. F., Skoug, R. M., On the magnetic topology of October/November 2003 events, *J. Geophys. Res.*, 110, A09S03, doi:10.1029/2004JA010886, 2005. Services: CDAWeb
- B54540-00A: Huang, C.-S., Variations of polar cap index in response to solar wind changes and magnetospheric substorms, *J. Geophys. Res.*, 110, A01203, doi:10.1029/2004JA010616, 2005. Services: CDAWeb
- B54809-00A: Huang, C.-S., Foster, J. C., Goncharenko, L. P., Erickson, P. J., Rideout, W., A strong positive phase of ionospheric storms observed by the Millstone Hill incoherent scatter radar and global GPS network, *J. Geophys. Res.*, 110, A06303, doi:10.1029/2004JA010865, 2005. Services: CDAWeb
- B54935-00A: Huang, C.-S., Foster, J. C., Kelley, M. C., Long-duration penetration of the interplanetary electric field to the low-latitude ionosphere during the main phase of magnetic storms, *J. Geophys. Res.*, 110, A11309, doi:10.1029/2005JA011202, 2005. Services: CDAWeb
- B54926-00A: Huang, C.-S., Reeves, G. D., Le, G., Yumoto, K., Are sawtooth oscillations of energetic plasma particle fluxes caused by periodic substorms or driven by solar wind pressure enhancements?, *J. Geophys. Res.*, 110, A07207, doi:10.1029/2005JA011018, 2005. Services: CDAWeb

- B54934-00A: Intriligator, D. S., Sun, W., Dryer, M., Fry, C. D. "Ghee", Deehr, C., From the Sun to the outer heliosphere: Modeling and analyses of the interplanetary propagation of the October/November (Halloween) 2003 solar events, *J. Geophys. Res.*, 110, A09S10, doi:10.1029/2004JA010939, 2005. Services: COHOweb, NSSDCFTP
- B54992-00A: Johnson, E. S., Heelis, R. A., Characteristics of ion velocity structure at high latitudes during steady southward interplanetary magnetic field conditions, *J. Geophys. Res.*, 110, A12301, doi:10.1029/2005JA011130, 2005. Services: NSSDCFTP
- B54538-00A: Kane, R. P., Differences in the quasi-biennial oscillation and quasi-triennial oscillation characteristics of the solar, interplanetary, and terrestrial parameters, *J. Geophys. Res.*, 110, doi:10.1029/2004JA010606, 2005. Services: OMNIweb
- B54671-00A: Kane, R. P., How good is the relationship of solar and interplanetary plasma parameters with geomagnetic storms?, *J. Geophys. Res.*, 110, A02213, doi:10.1029/2004JA010799, 2005. Services: OMNIweb
- B54979-00A: Kataoka, R., Fairfield, D. H., Sibeck, D. G., Rastaetter, L., Fok, M.-C., Magnetosheath variations during the storm main phase on 20 November 2003: Evidence for solar wind density control of energy transfer to the magnetosphere, *J. Geophys. Res.*, 110, L21108, doi:10.1029/2005GL024495, 2005. Services: CDAWeb
- B55010-00A: Kazama, Y., Mukai, T., Simultaneous appearance of energy-dispersed ion signatures of ionospheric and magnetotail origins in the near-Earth plasma sheet, *J. Geophys. Res.*, 110, A07213, doi:10.1029/2004JA010820, 2005. Services: OMNIweb
- B54618-00A: Keating, C. F., Jager, N. O., Observed north-south asymmetries in the long-term Bz mean average, *Geophys. Res. Lett.*, 32, L03106, doi:10.1029/2004GL021110, 2005. Services: OMNIweb
- B54998-00A: Keika, K., Nose, M., Ohtani, S., Takahashi, K., Christon, S. P., Outflow of energetic ions from the magnetosphere and its contribution to the decay of the storm time ring current, *J. Geophys. Res.*, 110, A09210, doi:10.1029/2004JA010970, 2005. Services: OMNIweb
- B54999-00A: Kim, K. C., Lee, D.-Y., Lee, E. S., Choi, C. R., Kim, K. H., A new perspective on the role of the solar wind dynamic pressure in the ring current particle loss through the magnetopause, *J. Geophys. Res.*, 110, A09223, doi:10.1029/2005JA011097, 2005. Services: CDAWeb
- B54940-00A: Kim, R.-S., Cho, K.-S., Moon, Y.-J., Kim, Y.-H., Yi, Y., Forecast evaluation of the coronal mass ejection (CME) geoeffectiveness using halo CMEs from 1997 to 2003, *J. Geophys. Res.*, 110, A11104, doi:10.1029/2005JA011218, 2005. Services: OMNIweb
- B54658-00A: King, J. H., Papitashvili, N. E., Solar wind spatial scales in and comparisons of hourly Wind and ACE plasma and magnetic field data, *J. Geophys. Res.*, 110, A02104, doi:10.1029/2004JA010649, 2005. Services: OMNIweb
- B55008-00A: Kitamura, K., Kawano, H., Ohtani, S.-I., Yoshikawa, A., Yumoto, K., Local time distribution of low and middle latitude ground magnetic disturbances at sawtooth injections of 18-19 April 2002, *J. Geophys. Res.*, 110, A07208, doi:10.1029/2004JA010734, 2005. Services: CDAWeb
- B54970-00A: Koval, A., Safranova, J., Nemecek, Z., Prech, L., Samsonov, A. A., Deformation of interplanetary shock fronts in the magnetosheath, *Geophys. Res. Lett.*, 32, L15101, doi:10.1029/2005GL023009, 2005. Services: CDAWeb
- B54942-00A: Kozlovsky, A., Nilsson, H., Sergienko, T., Aikio, A. T., Safargaleev, V., On the field-aligned currents in the vicinity of prenoon auroral arcs, *Geophys. Res. Lett.*, 32, L18104, doi:10.1029/2005GL023120, 2005. Services: Models
- B54541-00A: Lai, S. T., Charging of mirror surfaces in space, *J. Geophys. Res.*, 110, A01204, doi:10.1029/2002JA009447, 2005. Services: CDAWeb
- B54667-00A: Lavraud, B., Fedorov, A., Budnik, E., Thomsen, M. F., Grigoriev, A., High-altitude cusp flow dependence on IMF orientation: A 3-year Cluster statistical study, *J. Geophys. Res.*, 110, A02209, doi:10.1029/2004JA010804, 2005. Services: CDAWeb
- B54803-00A: Lavraud, B., Thomsen, M. F., Taylor, M. G. G. T., Wang, Y. L., Phan, T. D., Characteristics of the magnetosheath electron boundary layer under northward interplanetary magnetic field: Implications for high-latitude reconnection, *J. Geophys. Res.*, 110, A06209, doi:10.1029/2004JA010808, 2005. Services: CDAWeb
- B54933-00A: Lee, D.-Y., Lyons, L. R., Reeves, G. D., Comparison of geosynchronous energetic particle flux responses to solar wind dynamic pressure enhancements and substorms, *J. Geophys. Res.*, 110, A09213, doi:10.1029/2005JA011091, 2005. Services: CDAWeb
- B54943-00A: Lewis, W. S., Burch, J. L., Goldstein, J., Horton, W., Perez, J. C., Duskside auroral undulations observed by IMAGE and their possible association with large-scale structures on the inner edge of the electron plasma sheet, *Geophys. Res. Lett.*, 32, L24103, doi:10.1029/2005GL024390, 2005. Services: CDAWeb

- B54925-00A: Liemohn, M. W., Moore, T. E., Craven, P. D., Maddox, W., Nagy, A. F., Occurrence statistics of cold, streaming ions in the near-Earth magnetotail: Survey of Polar-TIDE observations, *J. Geophys. Res.*, 110, A07211, doi:10.1029/2004JA010801, 2005. Services: CDAWeb
- B54930-00A: Lyons, L. R., Lee, D. -Y., Wang, C.-P., Mende, S. B., Global auroral responses to abrupt solar wind changes: Dynamic pressure, substorm, and null events, *J. Geophys. Res.*, 110, A08208, doi:10.1029/2005JA011089, 2005. Services: CDAWeb
- B54936-00A: Lyons, L. R., Lee, D.-Y., Thorne, R. M., Horne, R. B., Smith, A. J., Solar wind-magnetosphere coupling leading to relativistic electron energization during high-speed streams, *J. Geophys. Res.*, 110, A11202, doi:10.1029/2005JA011254, 2005. Services: OMNIweb, CDAWeb
- B54951-00A: Maeda, S., Nozawa, S., Ogawa, Y., Fujiwara, H., Comparative study of the high-latitude E region ion and neutral temperatures in the polar cap and the auroral region derived from the EISCAT radar observations, *J. Geophys. Res.*, 110, A08301, doi:10.1029/2004JA010893, 2005. Services: CDAWeb
- B55015-00A: Massetti, S., Dayside magnetosphere-ionosphere coupling during IMF clock angle ~90 degrees: Longitudinal cusp bifurcation, quasi-periodic cusp-like auroras, and traveling convection vortices, *J. Geophys. Res.*, 110, A07304, doi:10.1029/2004JA010965, 2005. Services: CDAWeb
- B54807-00A: Matsuo, T., Richmond, A. D., Lu, G., Optimal interpolation analysis of high-latitude ionospheric electrodynamics using empirical orthogonal functions: Estimation of dominant modes of variability and temporal scales of large-scale electric fields, *J. Geophys. Res.*, 110, A06301, doi:10.1029/2004JA010531, 2005. Services: FTPBrowser
- B54724-00A: Merka, J., Szabo, A., Slavin, J. A., Peredo, M., Three-dimensional position and shape of the bow shock and their variation with upstream Mach numbers and interplanetary magnetic field orientation, *J. Geophys. Res.*, 110, A04202, doi:10.1029/2004JA010944, 2005. Services: OMNIweb
- B54977-00A: Meurant, M., Gerard, J.-C., Blockx, C., Coumans, V., Hubert, B., Comparison of intense nightside shock-induced precipitation and substorm activity, *J. Geophys. Res.*, 110, A07228, doi:10.1029/2004JA010916, 2005. Services: CDAWeb
- B55014-00A: Middleton, H. R., Pryse, S. E., Kersley, L., Bust, G. S., Fremouw, E. J., Evidence for the tongue of ionization under northward interplanetary magnetic field conditions, *J. Geophys. Res.*, 110, A07301, doi:10.1029/2004JA010800, 2005. Services: CDAWeb
- B54548-00A: Milan, S. E., Hubert, B., Grocott, A., Formation and motion of a transpolar arc in response to dayside and nightside reconnection, *J. Geophys. Res.*, 110, A01212, doi:10.1029/2004JA010835, 2005. Services: CDAWeb
- B54989-00A: Miyashita, Y., Ieda, A., Kamide, Y., Machida, S., Mukai, T., Plasmoids observed in the near-Earth magnetotail at X approximately -7 RE, *J. Geophys. Res.*, 110, A12214, doi:10.1029/2005JA011263, 2005. Services: CDAWeb, OMNIweb
- B54932-00A: Miyashita, Y., Miyoshi, Y., Matsumoto, Y., Ieda, A., Kamide, Y., Geotail observations of signatures in the near-Earth magnetotail for the extremely intense substorms of the 30 October 2003 storm, *J. Geophys. Res.*, 110, A09S25, doi:10.1029/2005JA011070, 2005. Services: CDAWeb
- B54978-00A: Miyoshi, Y., Kataoka, R., Ring current ions and radiation belt electrons during geomagnetic storms driven by coronal mass ejections and corotating interaction regions, *J. Geophys. Res.*, 32, L21105, doi:10.1029/2005GL024590, 2005. Services: OMNIweb
- B54939-00A: Morioka, A., Miyoshi, Y. S., Tsuchiya, F., Misawa, H., Kumamoto, A., Auroral kilometric radiation activity during magnetically quiet periods, *J. Geophys. Res.*, 110, A11223, doi:10.1029/2005JA011204, 2005. Services: CDAWeb
- B54941-00A: Muehlbachler, S., Farrugia, C. J., Raeder, J., Biernat, H. K., Torbert, R. B., A statistical investigation of dayside magnetosphere erosion showing saturation of response, *J. Geophys. Res.*, 110, A11207, doi:10.1029/2005JA011177, 2005. Services: CDAWeb
- B54997-00A: Nagai, T., Fujimoto, M., Nakamura, R., Baumjohann, W., Ieda, A., Solar wind control of the radial distance of the magnetic reconnection site in the magnetotail, *J. Geophys. Res.*, 110, A09208, doi:10.1029/2005JA011207, 2005. Services: OMNIweb, CDAWeb
- B55011-00A: Nakano, S., Iyemori, T., Storm-time field-aligned currents on the nightside inferred from ground-based magnetic data at midlatitudes: Relationships with the interplanetary magnetic field and substorms, *J. Geophys. Res.*, 110, A07216, doi:10.1029/2004JA010737, 2005. Services: OMNIweb
- B54780-00A: Neagu, E., Borovsky, J. E., Gary, S. P., Jorgensen, A. M., Baumjohann, W., Statistical survey of magnetic and velocity fluctuations in the near-Earth plasma sheet: International Sun Earth Explorer (ISEE-2) measurements, *J. Geophys. Res.*, 110, A05203, doi:10.1029/2004JA010448, 2005. Services: OMNIweb

- B54993-00A: Nozawa, S., Brekke, A., Maeda, S., Aso, T., Hall, C. M., Mean winds, tides, and quasi-2 day wave in the polar lower thermosphere observed in European Incoherent Scatter (EISCAT) 8 day run data in November 2003, *J. Geophys. Res.*, 110, A12309, doi:10.1029/2005JA011128, 2005. Services: CDAWeb
- B54659-00A: Odstrcil, D., Pizzo, V. J., Arge, C. N., Propagation of the 12 May 1997 interplanetary coronal mass ejection in evolving solar wind structures, *J. Geophys. Res.*, 110, A02106, doi:10.1029/2004JA010745, 2005. Services: OMNIweb
- B55012-00A: Ohtani, S., Brandt, P. C., Mitchell, D. G., Singer, H., Nose, M., Storm-substorm relationship: Variations of the hydrogen and oxygen energetic neutral atom intensities during storm-time substorms, *J. Geophys. Res.*, 110, A07219, doi:10.1029/2004JA010954, 2005. Services: OMNIweb
- B55001-00A: Ohtani, S., Ueno, G., Higuchi, T., Comparison of large-scale field-aligned currents under sunlit and dark ionospheric conditions, *J. Geophys. Res.*, 110, A09230, doi:10.1029/2005JA011057, 2005. Services: NSSDCFTP
- B54774-00A: Oka, M., Terasawa, T., Saito, Y., Mukai, T., Field-aligned beam observations at the quasi-perpendicular bow shock: Generation and shock angle dependence, *J. Geophys. Res.*, 110, A05101, doi:10.1029/2004JA010688, 2005. Services: CDAWeb
- B54984-00A: Owens, M. J., Arge, C. N., Spence, H. E., Pembroke, A., An event-based approach to validating solar wind speed predictions: High-speed enhancements in the Wang-Sheeley-Arge model, *J. Geophys. Res.*, 110, A12105, doi:10.1029/2005JA011343, 2005.
- B54535-00A: Owens, M. J., Cargill, P. J., Pagel, C., Siscoe, G. L., Crooker, N. U., Characteristic magnetic field and speed properties of interplanetary coronal mass ejections and their sheath regions, *J. Geophys. Res.*, 110, A01105, doi:10.1029/2004JA010814, 2005. Services: CDAWeb
- B54799-00A: Petrukovich, A. A., Baumjohann, W., Nakamura, R., Runov, A., Balogh, A., Cluster vision of the magnetotail current sheet on a macroscale, *J. Geophys. Res.*, 110, A06204, doi:10.1029/2004JA010825, 2005. Services: CDAWeb
- B54988-00A: Rae, I. J., Donovan, E. F., Mann, I. R., Fenrich, F. R., Watt, C. E. J., Evolution and characteristics of global Pc5 ULF waves during a high solar wind speed interval, *J. Geophys. Res.*, 110, A12211, doi:10.1029/2005JA011007, 2005. Services: CDAWeb
- B55009-00A: Rastatter, L., Hesse, M., Kuznetsova, M., Sigwarth, J. B., Raeder, J., Polar cap size during 14–16 July 2000 (Bastille Day) solar coronal mass ejection event: MHD modeling and satellite imager observations, *J. Geophys. Res.*, 110, A07212, doi:10.1029/2004JA010672, 2005. Services: CDAWeb
- B54985-00A: Riazantseva, M. O., Zastenker, G. N., Richardson, J. D., Eiges, P. E., Sharp boundaries of small- and middle-scale solar wind structures, *J. Geophys. Res.*, 110, A12110, doi:10.1029/2005JA011307, 2005. Services: CDAWeb
- B54505-00A: Richardson, I. G., Cane, H. V., The ~150 day quasi-periodicity in interplanetary and solar phenomena during cycle 23, *Geophys. Res. Lett.*, 32, L02104, doi:10.1029/2004GL021691, 2005. Services: CDAWeb, OMNIweb
- B54980-00A: Richardson, J. D., McDonald, F. B., Stone, E. C., Wang, C., Ashmall, J., Relation between the solar wind dynamic pressure at Voyager 2 and the energetic particle events at Voyager 1, *J. Geophys. Res.*, 110, A09106, doi:10.1029/2005JA011156, 2005. Services: NSSDCFTP
- B54624-00A: Richardson, J. D., Wang, C., Kasper, J. C., Liu, Y., Propagation of the October/November 2003 CMEs through the heliosphere, *Geophys. Res. Lett.*, 32, L03S03, doi:10.1029/2004GL020679, 2005. Services: General
- B54793-00A: Roberts, D. A., Keiter, P. A., Goldstein, M. L., Origin and dynamics of the heliospheric streamer belt and current sheet, *J. Geophys. Res.*, 110, A06102, doi:10.1029/2004JA010541, 2005. Services: COHOweb
- B55004-00A: Rosenqvist, L., Opgenoorth, H., Buchert, S., McCrea, I., Amm, O., Extreme solar-terrestrial events of October 2003: High-latitude and Cluster observations of the large geomagnetic disturbances on 30 October, *J. Geophys. Res.*, 110, A09S23, doi:10.1029/2004JA010927, 2005. Services: CDAWeb
- B54526-00A: Santolik, O., Persoon, A. M., Gurnett, D. A., Decreau, P. M. E., Pickett, J. S., Drifting field-aligned density structures in the night-side polar cap, *Geophys. Res. Lett.*, 32, L06106, doi:10.1029/2004GL021696, 2005. Services: CDAWeb
- B54782-00A: Seki, T., Morioka, A., Miyoshi, Y. S., Tsuchiya, F., Misawa, H., Auroral kilometric radiation and magnetosphere-ionosphere coupling process during magnetic storms, *J. Geophys. Res.*, 110, A05206, doi:10.1029/2004JA010961, 2005. Services: CDAWeb
- B54928-00A: Shi, Y., Zesta, E., Lyons, L. R., Boudouridis, A., Yumoto, K., Effect of solar wind pressure enhancements on storm time ring current asymmetry, *J. Geophys. Res.*, 110, A10205, doi:10.1029/2005JA011019, 2005. Services: CDAWeb

- B54991-00A: Shiokawa, K., Yago, K., Yumoto, K., Baishev, D. G., Solovyev, S. I., Ground and satellite observations of substorm onset arcs, *J. Geophys. Res.*, 110, A12225, doi:10.1029/2005JA011281, 2005. Services: CDAWeb
- B54844-00A: Shue, J.-H., Kamide, Y., Newell, P. T., A systematic study of effects of solar wind density on auroral electrojets, *Geophys. Res. Lett.*, 32, L14112, doi:10.1029/2005GL023197, 2005. Services: General
- B54944-00A: Shukhtina, M. A., Dmitrieva, N. P., Popova, N. G., Sergeev, V. A., Yahnin, A. G., Observational evidence of the loading-unloading substorm scheme, *Geophys. Res. Lett.*, 32, L17107, doi:10.1029/2005GL023779, 2005. Services: CDAWeb
- B54423-00A: Shume, E. B., Hysell, D. L., Chau, J. L., Electron density profiles in the equatorial E region ionosphere derived from a bistatic coherent scatter radar experiment in Peru, *Geophys. Res. Lett.*, 32, L01107, doi:10.1029/2004GL021715, 2005. Services: Models
- B54808-00A: Sotirelis, T., Ruohoniemi, J. M., Barnes, R. J., Newell, P. T., Greenwald, R. A., Comparison of SuperDARN radar boundaries with DMSP particle precipitation boundaries, *J. Geophys. Res.*, 110, A06302, doi:10.1029/2004JA010732, 2005. Services: CDAWeb
- B54838-00A: Stevens, M. H., Meier, R. R., Chu, X., DeLand, M. T., Plane, J. M. C., Antarctic mesospheric clouds formed from space shuttle exhaust, *Geophys. Res. Lett.*, 32, L13810, doi:10.1029/2005GL023054, 2005. Services: Models
- B54616-00A: Stubbs, T. J., Vondrak, R. R., Ostgaard, N., Sigwarth, J. B., Frank, L. A., Simultaneous observations of the auroral ovals in both hemispheres under varying conditions, *Geophys. Res. Lett.*, 32, L03103, doi:10.1029/2004GL021199, 2005. Services: CDAWeb
- B54545-00A: Suvorova, A., Dmitriev, A., Chao, J. -K., Thomsen, M., Yang, Y.-H., Necessary conditions for geosynchronous magnetopause crossings, *J. Geophys. Res.*, 110, A01206, doi:10.1029/2003JA010079, 2005. Services: CDAWeb
- B54983-00A: Svalgaard, L., Cliver, E. W., The IDV index: Its derivation and use in inferring long-term variations of the interplanetary magnetic field strength, *J. Geophys. Res.*, 110, A12103, doi:10.1029/2005JA011203, 2005. Services: OMNIweb
- B54986-00A: Taguchi, S., Chen, S.-H., Collier, M. R., Moore, T. E., Fok, M.-C., Monitoring the high-altitude cusp with the Low Energy Neutral Atom imager: Simultaneous observations from IMAGE and Polar, *J. Geophys. Res.*, 110, A12204, doi:10.1029/2005JA011075, 2005. Services: CDAWeb
- B54880-00A: Tanskanen, E. I., Slavin, J. A., Tanskanen, A. J., Viljanen, A., Pulkkinen, T. I., Magnetospheric substorms are strongly modulated by interplanetary high-speed streams, *Geophys. Res. Lett.*, 32, L16104, doi:10.1029/2005GL023318, 2005. Services: OMNIweb
- B54937-00A: Tao, C., Kataoka, R., Fukunishi, H., Takahashi, Y., Yokoyama, T., Magnetic field variations in the Jovian magnetotail induced by solar wind dynamic pressure enhancements, *J. Geophys. Res.*, 110, A11208, doi:10.1029/2004JA010959, 2005. Services: COHOweb, OMNIweb
- B54976-00A: Tautz, M., Lai, S. T., Analytic models for a rapidly spinning spherical satellite charging in sunlight, *J. Geophys. Res.*, 110, A07220, doi:10.1029/2004JA010787, 2005. Services: CDAWeb
- B54981-00A: Terasawa, T., Nakata, K., Oka, M., Saito, Y., Mukai, T., Determination of shock parameters for the very fast interplanetary shock on 29 October 2003, *J. Geophys. Res.*, 110, A09S12, doi:10.1029/2004JA010941, 2005. Services: CDAWeb
- B54945-00A: Trattner, K. J., Fuselier, S. A., Petrinec, S. M., Reply to comment by G. A. Abel, M. P. Freeman, and G. Chisham on "Location of the reconnection line for northward interplanetary magnetic field", *J. Geophys. Res.*, 110, A10209, doi:10.1029/2005JA011131, 2005. Services: CDAWeb
- B54987-00A: Tu, J., Song, P., Reinisch, B. W., Huang, X., Green, J. L., Electron density images of the middle- and high-latitude magnetosphere in response to the solar wind, *J. Geophys. Res.*, 110, A12210, doi:10.1029/2005JA011328, 2005. Services: CDAWeb
- B54536-00A: Usmanov, A. V., Goldstein, M. L., Ogilvie, K. W., Farrell, W. M., Lawrence, G. R., Low-density anomalies and sub-Alfvenic solar wind, *J. Geophys. Res.*, 110, A01106, doi:10.1029/2004JA010699, 2005. Services: OMNIweb
- B54723-00A: Vassiliadis, D., Fung, S. F., Klimas, A. J., Solar, interplanetary, and magnetospheric parameters for the radiation belt energetic electron flux, *J. Geophys. Res.*, 110, A04201, doi:10.1029/2004JA010443, 2005. Services: OMNIweb
- B54636-00A: Vichare, G., Alex, S., Lakhina, G. S., Some characteristics of intense geomagnetic storms and their energy budget, *J. Geophys. Res.*, 110, A03204, doi:10.1029/2004JA010418, 2005. Services: General
- B54929-00A: Wang, C., Du, D., Richardson, J. D., Characteristics of the interplanetary coronal mass ejections in the heliosphere between 0.3 and 5.4 AU, *J. Geophys. Res.*, 110, A10107, doi:10.1029/2005JA011198, 2005. Services: NSSDCFTP

- B54650-00A: Wang, H., Luhr, H., Ma, S. Y., Solar zenith angle and merging electric field control of field-aligned currents: A statistical study of the Southern Hemisphere, *J. Geophys. Res.*, 110, A03306, doi:10.1029/2004JA010530, 2005. Services: Models
- B54982-00A: Watari, S., Vandas, M., Watanabe, T., Solar cycle variation of long-duration radial interplanetary magnetic field events at 1 AU, *J. Geophys. Res.*, 110, A12102, doi:10.1029/2005JA011165, 2005. Services: OMNIweb
- B54789-00A: Weimer, D. R., Improved ionospheric electrodynamic models and application to calculating Joule heating rates, *J. Geophys. Res.*, 110, A05306, doi:10.1029/2004JA010884, 2005. Services: NSSDCFTP
- B54665-00A: Wilson, G. R., Moore, T. E., Origins and variation of terrestrial energetic neutral atoms outflow, *J. Geophys. Res.*, 110, A02207, doi:10.1029/2003JA010356, 2005. Services: General
- B55000-00A: Wiltberger, M., Weigel, R. S., Gehmeyr, M., Guild, T., Analysis and visualization of space science model output and data with CISIM-DX, *J. Geophys. Res.*, 110, A09224, doi:10.1029/2004JA010956, 2005. Services: CDAWeb,OMNIweb,
- B54725-00A: Wing, S., Johnson, J. R., Jen, J., Meng, C.-I., Sibeck, D. G., Kp forecast models, *J. Geophys. Res.*, 110, A04203, doi:10.1029/2004JA010500, 2005. Services: CDAWeb
- B54949-00A: Wing, S., Johnson, J. R., Newell, P. T., Meng, C.-I., Dawn-dusk asymmetries, ion spectra, and sources in the northward interplanetary magnetic field plasma sheet, *J. Geophys. Res.*, 110, A08205, doi:10.1029/2005JA011086, 2005. Services: OMNIweb
- B54510-00A: Yair, Y., Price, C., Ziv, B., Israelevich, P. L., Sentman, D. D., Space shuttle observation of an unusual transient atmospheric emission, *Geophys. Res. Lett.*, 32, L02801, doi:10.1029/2004GL021551, 2005. Services: Models
- B55005-00A: Yizengaw, E., Moldwin, M. B., Dyson, P. L., Immel, T. J., Southern Hemisphere ionosphere and plasmasphere response to the interplanetary shock event of 29-31 October 2003, *J. Geophys. Res.*, 110, A09S30, doi:10.1029/2004JA010920, 2005. Services: CDAWeb
- B54947-00A: Zhang, Y., Paxton, L. J., Morrison, D., Lui, A. T. Y., Kil, H., Undulations on the equatorward edge of the diffuse proton aurora: TIMED/GUVI observations, *J. Geophys. Res.*, 110, A08211, doi:10.1029/2004JA010668, 2005. Services: CDAWeb
- B54664-00A: Zhang, Y., Paxton, L. J., Morrison, D., Wolven, B., Kil, H., Nightside detached auroras due to precipitating protons/ions during intense magnetic storms, *J. Geophys. Res.*, 110, A02206, doi:10.1029/2004JA010498, 2005. Services: CDAWeb